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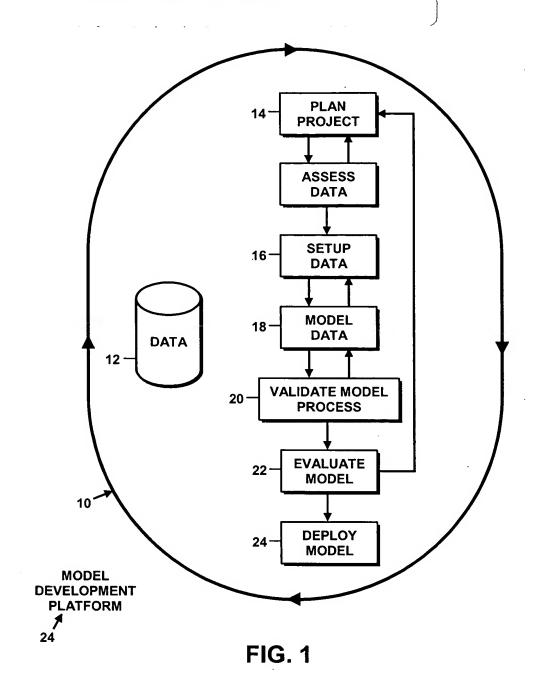
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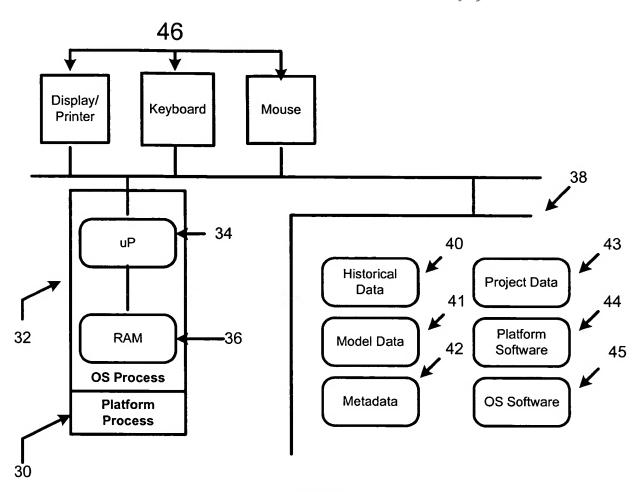


FIGURE 2

Data Type AutoNumber Description

Unique Number Indexing Model Projects
Reference Name for Model Project

Type of Model to be constructed (Response, Clone, Suppression,)

Analyst-defined goal for current Model Project

Identifying Time Stamp for first use

Lest used Time Stamp

Full pathname reference to Development dataset

Full pathname reference to motardate and Model status and data. Text ProjectType
ProjectGoal - 56
ProjectBeginDate
ProjectEndOate Text Date/Time Date/Time Text -5860 ProjectDataset -.-Full pathnesse reference to Development dataset
Full pathnesse reference to metadeta end Model status and data
Full pathnesse reference to log of Analyst decisions
Target variable selected for Model
Desired c-index for Model set by Analyst
Desired condex for Model set by Analyst
Desired zone of positive Model Gain set by Client
Desired level of Monotonicity
Total number of records in Development Dataset
National Connectiful at records and processes as a content of Dataset Text ProjectLog
DependentVariable - 62
ModelFitnessCriterion Text Number Number Number Number ModelPerformanceCriterion ModelPerformanceMonotonicityCriterion ModelPerformanceMonoto DevelopmentDatesetSize PosttiveOut.comes(%) SampleSize(%) VariableCount SampleDistribution Number of successful outcomes as a percent of Development Dataset Size Size of Training Sample as a percent of total Development Dataset Size used for Candidate Model Initial Number of Predictor Variables Number Number Number Hyperlink Hyperlink Hyperlink Distribution of Predictor Variables: Graphs and Statistics Distribution of Predictor Variables for Positive and Negative Outcomes Cross-validated Partition Tree for Key Predictor Variables SampleDvDistribution Interaction Tree DimensionReductionMissingFilter DimensionReductionCutoff Number Number of Predictor Variables Eliminated for Missing Variables Cutoff set by Analyst for Percent of Missing Values Acceptable Number Cutors set by Analyst for Percent or missing values Acceptable Number of Predictor Variables Retained for Main Effects Cutoff set by Analyst for Significance of Main Effects Number of Predictor Variables Retained for Interaction Effects Cutoff set by Analyst for Significance of Interaction Effects Number of Predictor Variables resulting from Dimension Reduction Number Number Number Number DimensionReductionMainEffects DimensionReductionMeinEffectsCutoff
DimensionReductionInteractionEffects
DimensionReductionInteractionEffects
DimensionReductionInteractionEffectsCutoff DimensionReductionVariableCount CandidateModelChoice CandidateModelChoiceConstraint Number Model Type applied to Dimension Reduced Dataset Retention Cutoff or Significance Level for Model Variables Text Number CandidateModelResults CandidateModelLftChart Hyperlink Model Fitting Results Hyperlink Hyperlink Text Model Non-cumulative Lift Chart Model Projections of the Control Model Projection of Model Persistence Chart for Key Variables
Method Selected for Model Development Process Validation
Model Application to Validation Dataset(s) Results CandidateModelPersistenceChart ValidationMethod ValidationMethodResults Hyperink Hyperink ValidationMathodLiftChart Model Validation Lift Chart Model Validation Ltf. Chart
Model Development Process applied to full Development Dataset Results
Final Model applied to Sample and Validation Datasets for Cumulative Lft.
Final Model applied to Sample and Validation Datasets for Non-cumulative Lft.
Model Parameterized Equation using Model Transformed Variables
Full pothname reference to Scoring File Imput Dataset
Key Variable Comparison on Declie Basis
Propensity Score Distribution for Development and Scoring File (Subset)
Fill national reference to Scoring File (Subset) FinalModeResults Hyperink Hyperink FinalModelLiftChartComparison
FinalModelNonCumulativeLiftChartComparison Hyperink FinalModelEquation Text Text ScoringDataset DevelopmentScoringComparison Hyperink Hyperink DevelopmentScoringDistributionComparison
ScoredResults Full pathname reference to Scoring File Output Deteset Method for Ranking Customer Insight Variables Ranked List of Key Variables Text Text InsightProfileMethod InsightProfile Hyperlink Hyperlink Memo InsightProfileChart FinalReportEntry Insight Chart of Key Variable Differential Contribution Final Report Description and Comments

FIGURE 3

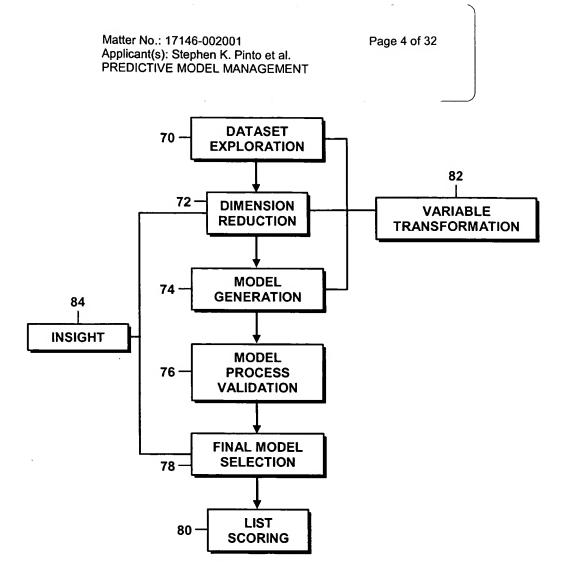


FIG. 4

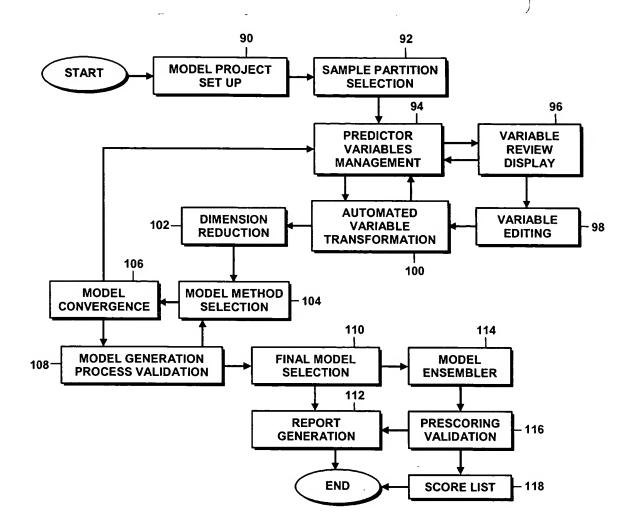


FIG. 5

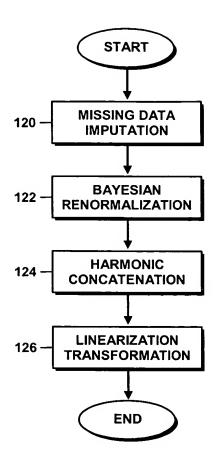


FIG. 6

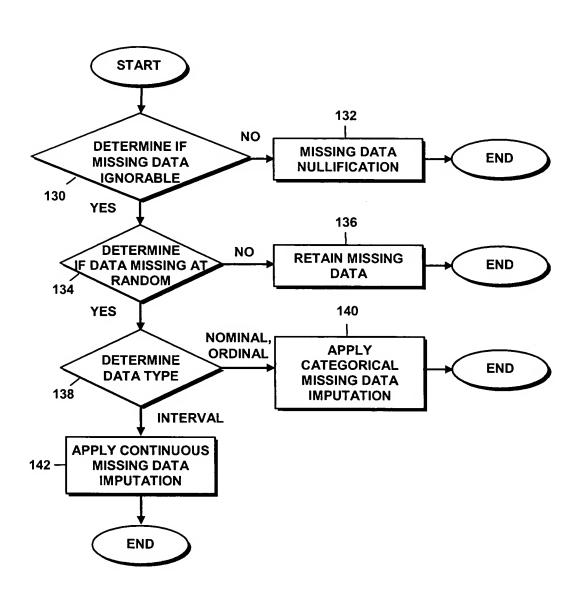


FIG. 7

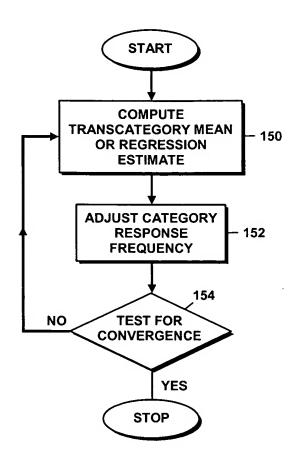


FIG. 8

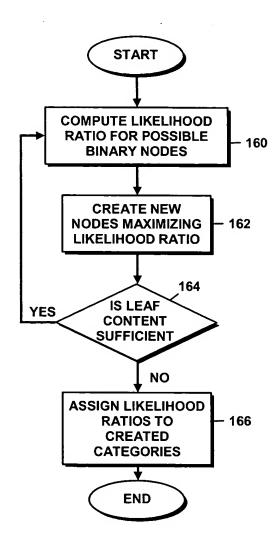


FIG. 9

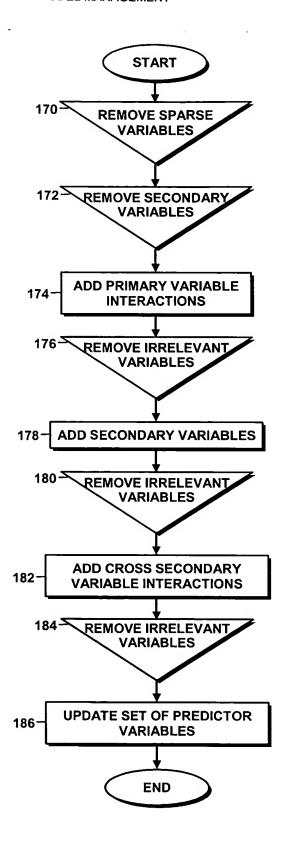


FIG. 10

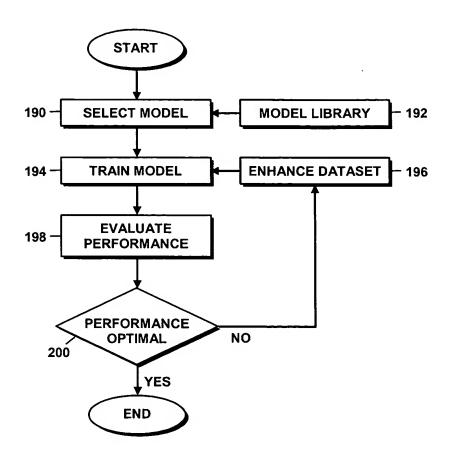


FIG. 11

Matter No.: 17146-002001

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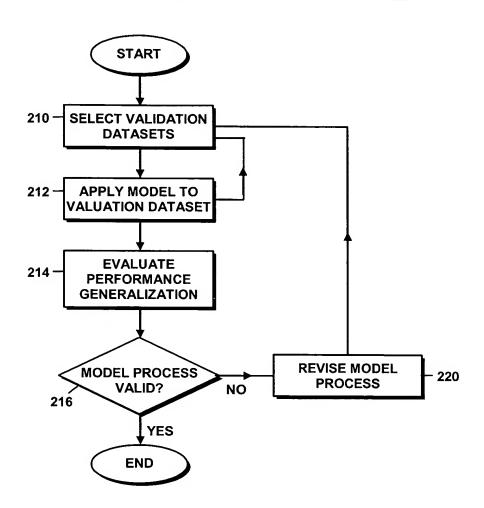


FIG. 12

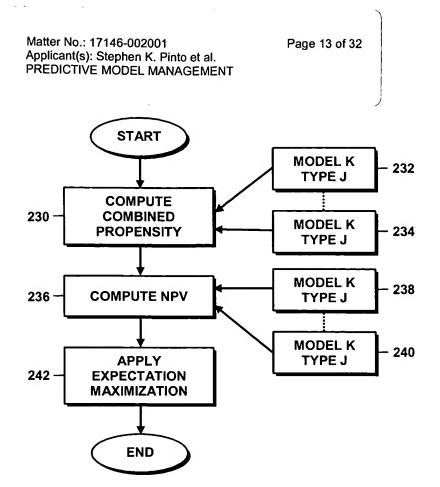


FIG. 13

-

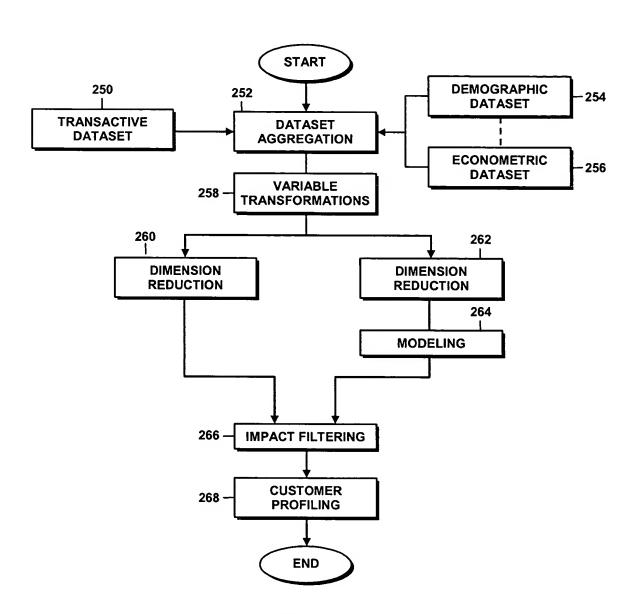


FIG. 14

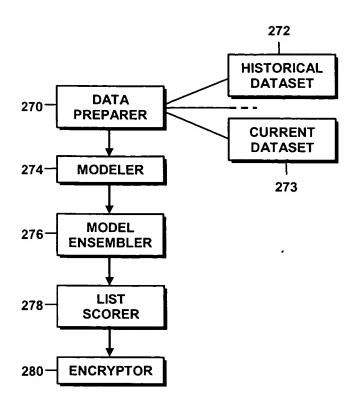
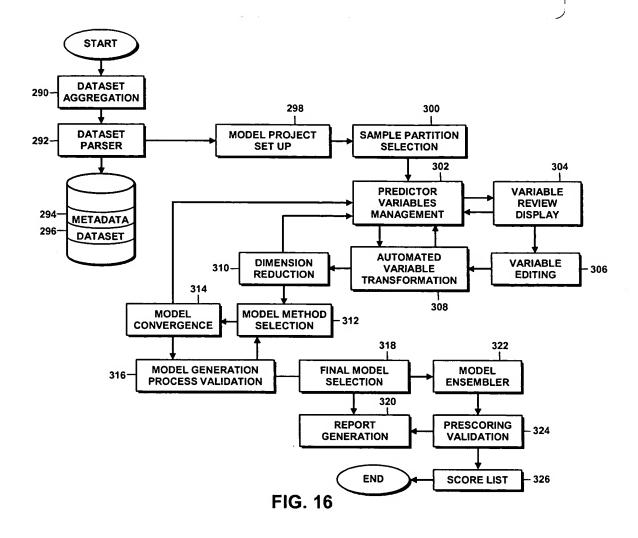


FIG. 15

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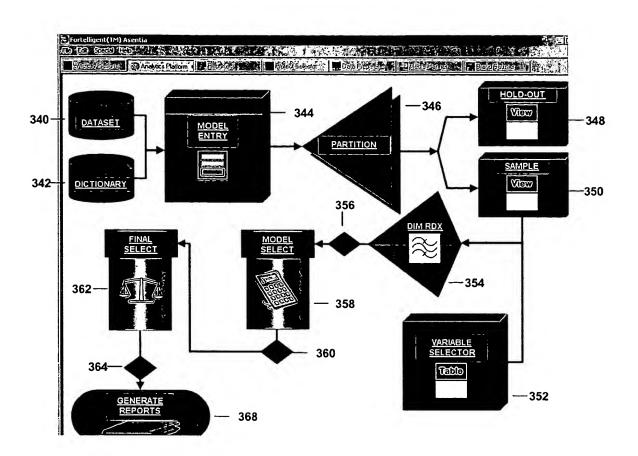


FIG. 17

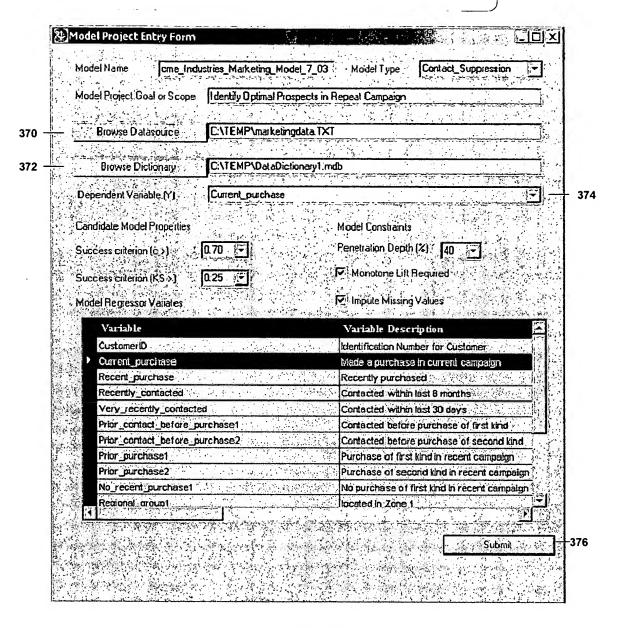


FIG. 18A

⊞ DataDictionary: Table						
Variable	Variable Type	Variable Description	Variable Definition	Status		
CustomerID	N	Identification Number for Customer	CustomerID	ΧP		
Current_purchase	N	Made a purchase in current campaign	Current purchase	Р		
Recent_purchase	N	Recently purchased	Recent purchase	Р		
Recently_contacted	N	Contacted within last 8 months	Recently contacted	Р		
Very_recently_contacted	N	Contacted within last 30 days	Very_recently_contacted	Р		

FIG. 18B

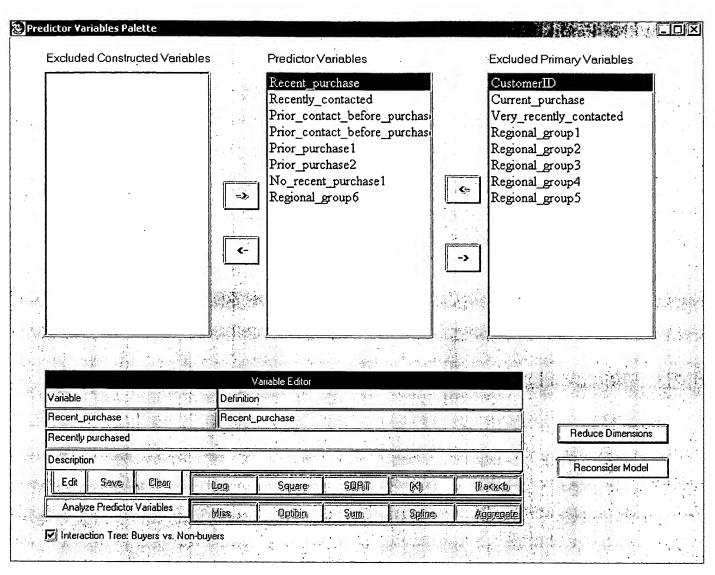


FIG. 19.

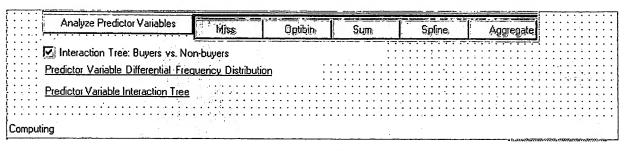


FIG. 20A

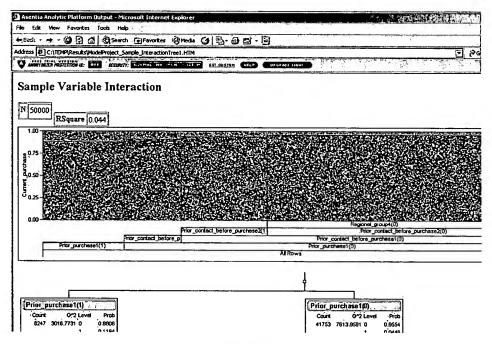


FIG. 20B

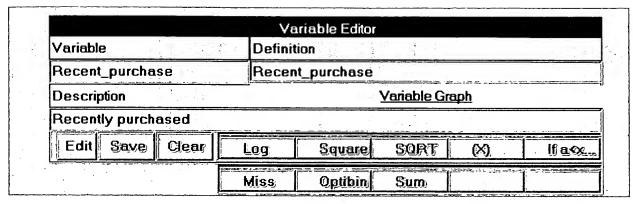


FIG. 21A

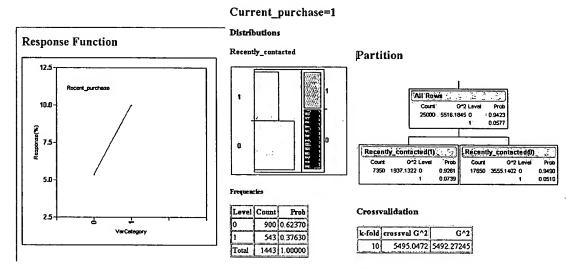


FIG. 21B

	Variable	Editor				
Variable	Definition	Definition				
Prior_purchase1_l	Prior_pure	Prior_purchase1*				
Description						
Purchase of first kind in recent campa	aign			<u> </u>		
Edit Save Clear	Log	Square	SQRT	(X)		

FIG. 21C

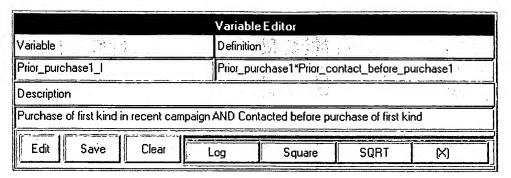


FIG. 21D

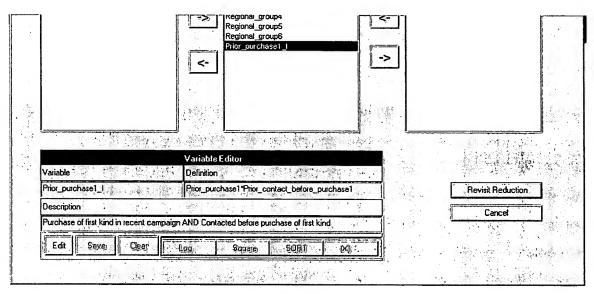


FIG. 21E

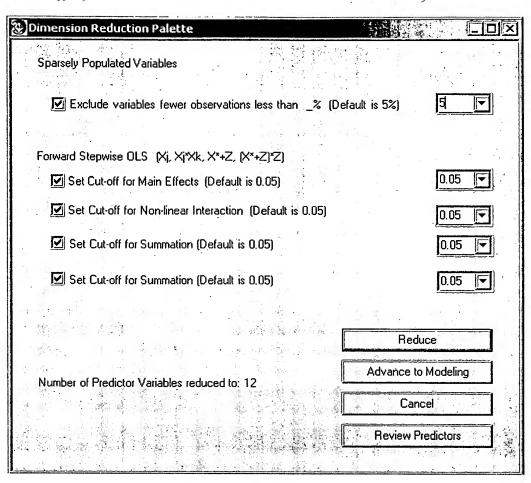


FIG. 22

Model Selection Palette						
80 1 W 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	n					
Methods ————————————————————————————————————						
16.7	Logit Regression Mode —					
Maximum Likelihood	Mixed					
Ordinary Least Squares	Q) Forward					
	© Backward					
Significance Levels for Predictor Variable Status Change						
Entry 0.30 ▼ Retain	0.30 🔻					
🔘 Stepwise Linear Discriminant Analysis (General Location Model)						
LDA Regression Assumptions	LDA Regression Mode					
☐ Equal Variances	(C) Mixed					
☐ Box Test	C) Forward					
☐ Normal Distribution	C) Backward					
Significance Levels for Predictor Var	iable Status Change					
Entry 0.30 🔽 Retain	0.30					
. ☑ Test for Model Variable Persistence						
Significance Levels for Predictor Variable Status Change						
Entry 0.25 🕶 Retain 0.025 🔽						

FIG. 23A

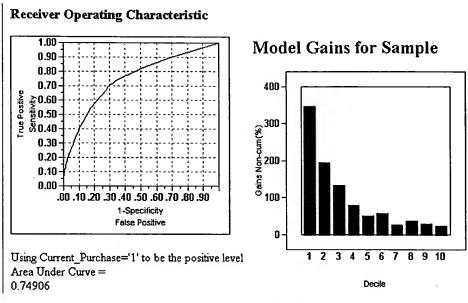


FIG. 23B

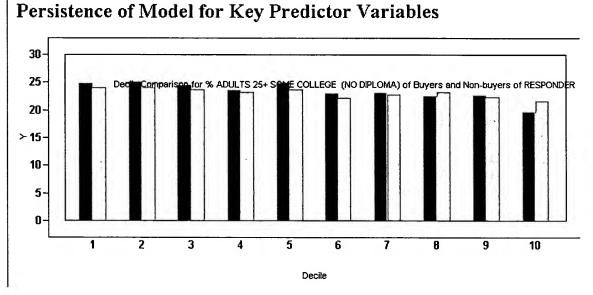


FIG. 23C

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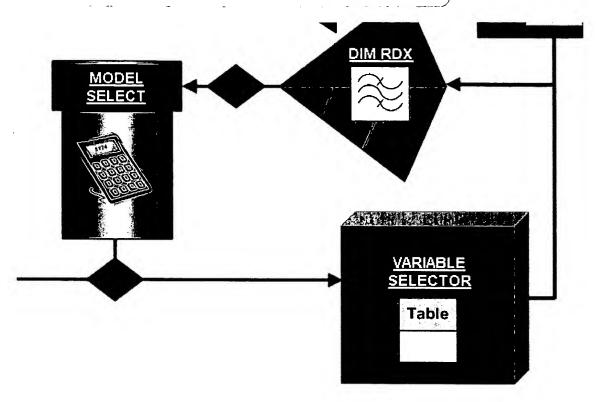


FIG. 24

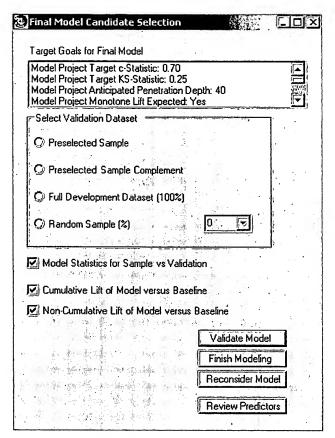


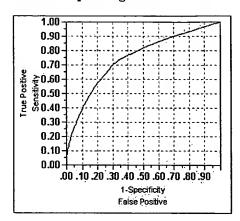
FIG. 25A

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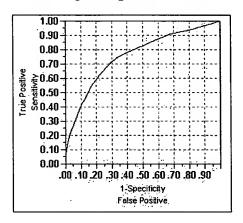
Receiver Operating Characteristic



Using Current_Purchase='1' to be the positive level Area Under Curve = 0.74906

FIG. 25B

Receiver Operating Characteristic



Using Current_Purchase='1' to be the positive level Area Under Curve = 0.75884

FIG. 25C

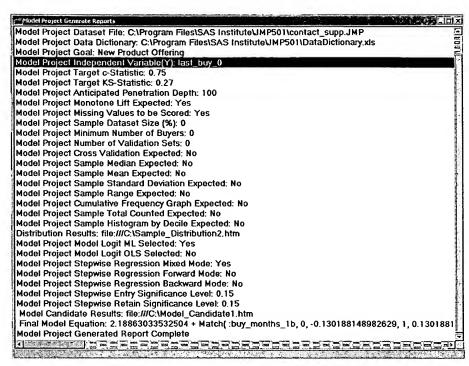


FIG. 26

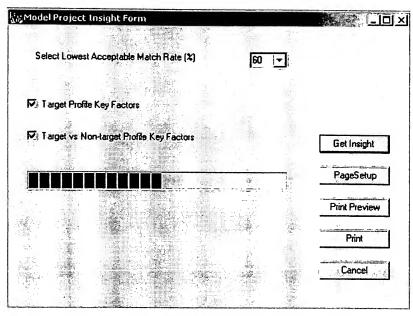


FIG. 27A

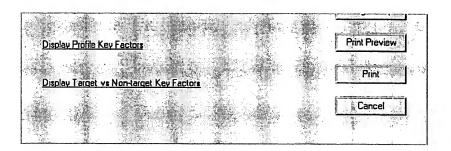


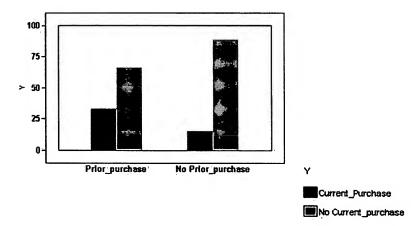
FIG. 27B

Current_purchase Profile

Existing users of Current_purchase tend to be . . .

- 1. Purchase of first kind in recent campaign
- 2. Contacted before purchase of first kind
- 3. Contacted within last 8 months
- 4. Purchase of second kind in recent campaign
- 5. No purchase of first kind in recent campaign
- 6. Recently purchased
- 7. Contacted before purchase of second kind
- 8. located in Zone 6

FIG. 27C



Characteristic

FIG. 27D